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| 09/433,188 | 10/25/1999 | DAVID FEINLEIB | MSI-311US | 2227 |

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EXAMINER

NGUYEN, THU HA T

| ART UNIT | PAPER NUMBER |
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2155

DATE MAILED: 04/22/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

PH

Office Action Summary

Application No.

09/433,188

Applicant(s)

FEINLEIB ET AL.

Examiner

Thu Ha T. Nguyen

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 25 October 1999.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-30 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-30 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 2) ☒ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ 6) ☐ Other: _____

DETAILED ACTION

1. Claims **1-30** are presented for examination.

102(e)

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C.

§ 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --
(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 37 1(c) of this title before the invention thereof by the applicant for patent.

3. Claims 1-18, 20-23, and 26-30 are rejected under 35 U.S.C. § 102(e) as being anticipated by **Durago et al.**, U.S. Patent No. **6,282,573**.

4. As to claim 1, **Durago** teaches the invention as claimed, including one or more computer-readable media having stored thereon a computer program that, when executed by one or more processors, causes the one or more processors to perform functions including:

collecting, at a client computer, registration information using one or more registration wizards (figures 3-5, col. 3 lines 16-40, col. 10 lines 55-col. 11 lines 36, col. 15 lines 63-col. 16 lines 35);

establishing a communication link between the client computer and a network to establishing a first connection, via the communication link, to a first registration server of a plurality of registration servers (abstract, figures 3, 4, col. 6 lines 14-27, col. 6 lines 63-col. 7 lines 4, col. 9 lines 16-29, col. 16 lines 55-col. 17 lines 32);

communicating at least a first portion of the registration information to the first registration server via the first connection (abstract, figures 1, 3, 4, col. 6 lines 14-27, col. 6 lines 63-col. 7 lines 4, col. 8 lines 13-col. 9 lines 29, col. 16 lines 55-col. 17 lines 32);

establishing a second connection, via the communication link, to a second registration server of the plurality of registration servers (figures 1, 3, 4, col. 6 lines 14-27, col. 6 lines 63-col. 7 lines 4, col. 8 lines 13-col. 9 lines 29, col. 16 lines 55-col. 17 lines 32); and

communicating at least a second portion of the registration information to the second registration server via the second connection (figures 1, 3, 4, col. 6 lines 14-27, col. 6 lines 63-col. 7 lines 4, col. 8 lines 13-col. 9 lines 29, col. 16 lines 55-col. 17 lines 32).

5. As to claim 2, **Durago** teaches the invention as claimed, wherein the program further causes the one or more processors to perform functions including:

establishing additional connections to additional registration servers of the plurality of registration servers via the communication link (figures 1, 3, 4, col. 6 lines

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14-27, col. 6 lines 63-col. 7 lines 4, col. 8 lines 13-col. 9 lines 29, col. 16 lines 55-col. 17 lines 32); and

communicating additional portions of the registration information to the additional registration servers (figures 1, 3, 4, col. 6 lines 14-27, col. 6 lines 63-col. 7 lines 4, col. 8 lines 13-col. 9 lines 29, col. 16 lines 55-col. 17 lines 32).

6. As to claim 3, **Durago** teaches the invention as claimed, wherein the first portion and the second portion share at least some common information (col. 2 lines 61-col. 3 lines 14, col. 10 lines 20-52).

7. As to claim 4, **Durago** teaches the invention as claimed, wherein the first portion and the second portion are identical (col. 2 lines 61-col. 3 lines 14, col. 10 lines 20-52).

8. As to claim 5, **Durago** teaches the invention as claimed, wherein the registration information includes one or more of user demographic information and client computer information (figure 3, 4, col. 8 lines 50-64, col. 10 lines 55-col. 11 lines 10).

9. As to claim 6, **Durago** teaches the invention as claimed, wherein the one or more registration wizards correspond to one or more software applications or hardware components (figures 2, 5, col. 16 lines 3-35).

10. As to claim 7, **Durago** teaches the invention as claimed, wherein the establishing the first connection comprises establishing a first hypertext transfer protocol (HTTP) connection, and wherein the establishing the second connection comprises establishing a second hypertext transfer protocol (HTTP) connection (col. 1 lines 65-col. 2 lines 14, col. 12 lines 55-65).

11. As to claim 8, **Durago** teaches the invention as claimed, including a method comprising:

collecting, at a client computer, registration information using a registration wizard (figures 3-5, col. 3 lines 16-40, col. 10 lines 55-col. 11 lines 36, col. 15 lines 63-col. 16 lines 35);

establishing a communication link between the client computer and a network (figures 3, 4, col. 6 lines 14-27, col. 6 lines 63-col. 7 lines 4, col. 9 lines 16-29, col. 16 lines 55-col. 17 lines 32);

establishing a plurality of connections, via the communication link, between the client computer and a plurality of registration databases (figures 1, 3, 4, col. 6 lines 14-27, col. 6 lines 63-col. 7 lines 4, col. 8 lines 13-col. 9 lines 29, col. 16 lines 55-col. 17 lines 32); and

communicating, for each of the plurality of connections, at least a portion of the registration information to one of the plurality of registration databases (figures 1, 3, 4, col. 6 lines 14-27, col. 6 lines 63-col. 7 lines 4, col. 8 lines 13-col. 9 lines 29, col. 16 lines 55-col. 17 lines 32).

12. As to claim 9, **Durago** teaches the invention as claimed, wherein the communicating comprises communicating, for each of the plurality of connections, a different portion of the registration information to the one of the plurality of registration databases (figures 1, 3, 4, col. 6 lines 14-27, col. 6 lines 63-col. 7 lines 4, col. 8 lines 13-col. 9 lines 29, col. 16 lines 55-col. 17 lines 32).

13. As to claim 10, **Durago** teaches the invention as claimed, wherein the different portions share at least some common information (col. 2 lines 61-col. 3 lines 14, col. 10 lines 20-52).

14. As to claim 11, **Durago** teaches the invention as claimed, wherein the registration information includes one or more of user demographic information and client computer information (figure 3, 4, col. 8 lines 50-64, col. 10 lines 55-col. 11 lines 10).

15. As to claim 12, **Durago** teaches the invention as claimed, wherein the collecting comprises collecting the registration information for a plurality of software applications and hardware components (figures 2, 5, col. 16 lines 3-35).

16. As to claim 13, **Durago** teaches the invention as claimed, including one or more computer-readable memories containing a computer program that is executable

by a processor to perform the method recited in claim 8 (figure 2, col. 9 lines 39-col. 10 lines 17).

17. As to claim 14, **Durago** teaches the invention as claimed, including a method comprising:

collecting, at a client computer, registration information for a plurality of registering components using a single registration wizard (figures 3-5, col. 3 lines 16-40, col. 10 lines 55-col. 11 lines 36, col. 15 lines 63-col. 16 lines 35);

establishing a plurality of connections between the client computer and a plurality of registration databases corresponding to the plurality of registering components (figures 1, 3, 4, col. 6 lines 14-27, col. 6 lines 63-col. 7 lines 4, col. 8 lines 13-col. 9 lines 29, col. 16 lines 55-col. 17 lines 32); and

transferring at least a portion of the registration information to each of the plurality of registration databases via the plurality of connections (figures 1, 3, 4, col. 6 lines 14-27, col. 6 lines 63-col. 7 lines 4, col. 8 lines 13-col. 9 lines 29, col. 16 lines 55-col. 17 lines 32).

18. As to claim 15, **Durago** teaches the invention as claimed, wherein the plurality of registering components includes a software component and a hardware component (figures 2, 5, col. 16 lines 3-35).

19. As to claim 16, **Durago** teaches the invention as claimed, wherein the hardware component comprises the client computer (figure 5, col. 15 lines 63-col. 16 lines 15).

20. As to claim 17, **Durago** teaches the invention as claimed, wherein the plurality of registering components correspond on a one to one basis with the plurality of registration databases (col. 10 lines 55-col. 11 lines 36).

21. As to claim 18, **Durago** teaches the invention as claimed, wherein the establishing a plurality of connections comprises:

establishing a communication link between the client computer and a network (figures 1, 3, 4, col. 6 lines 14-27, col. 6 lines 63-col. 7 lines 4, col. 8 lines 13-col. 9 lines 29, col. 16 lines 55-col. 17 lines 32); and

subsequently establishing connections between the client computer and each of the plurality of registration databases via the communication link (figures 1, 3, 4, col. 6 lines 14-27, col. 6 lines 63-col. 7 lines 4, col. 8 lines 13-col. 9 lines 29, col. 16 lines 55-col. 17 lines 32).

22. As to claim 20, **Durago** teaches the invention as claimed, wherein the transferring comprises transferring different portions of the registration information to different ones of the plurality of registration databases (figures 1, 3, 4, col. 6 lines 14-27,

col. 6 lines 63-col. 7 lines 4, col. 8 lines 13-col. 9 lines 29, col. 16 lines 55-col. 17 lines 32).

23. As to claim 21, **Durago** teaches the invention as claimed, wherein the registration information includes one or more of user demographic information and client computer information (figure 3, 4, col. 8 lines 50-64, col. 10 lines 55-col. 11 lines 10).

24. As to claim 22, **Durago** teaches the invention as claimed, including one or more computer-readable memories containing a computer program that is executable by a processor to perform the method recited in claim 14 (figure 2, col. 9 lines 39-col. 10 lines 17).

25. As to claim 23, **Durago** teaches the invention as claimed, including a system comprising:

a registration wizard to collect registration information for a plurality of manufacturers (figures 4, 5, col. 3 lines 16-40, col. 10 lines 55-col. 11 lines 36, col. 15 lines 63-col. 16 lines 35); and

one or more posting modules, coupled to the registration wizard to establish a plurality of connections between the client computer and to a plurality of registration databases corresponding to the plurality of manufacturers, and transfer at least a portion of the registration information to each of the plurality of registration databases

via the plurality of connections (figures 1, 3, 4, col. 6 lines 14-27, col. 6 lines 63-col. 7 lines 4, col. 8 lines 13-col. 9 lines 29, col. 16 lines 55-col. 17 lines 32).

26. As to claim 26, **Durago** teaches the invention as claimed, wherein the one or more posting modules are further to transfer different portions of the registration information to different ones of the plurality of registration databases (figures 1, 3, 4, col. 6 lines 14-27, col. 6 lines 63-col. 7 lines 4, col. 8 lines 13-col. 9 lines 29, col. 16 lines 55-col. 17 lines 32).

27. As to claim 27, **Durago** teaches the invention as claimed, wherein the registration information includes one or more of user demographic information and client computer information (figure 3, 4, col. 8 lines 50-64, col. 10 lines 55-col. 11 lines 10).

28. As to claim 28, **Durago** teaches the invention as claimed, including a system comprising:

a plurality of server computers coupled to a network, each being coupled to at least one of a plurality of registration databases to store registration information received by the server computer (figures 1, 3-4, col. 6 lines 63-col. 7 lines 4, col. 8 lines 13-col. 9 lines 29); and

a client computer, coupled to the network, to collect registration information for a plurality of manufacturers using a single user interface and to upload portions of the registration information to registration databases of the plurality of registration

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databases via a single communication link (figures 3-5, col. 3 lines 16-40, col. 6 lines 14-col. 7 lines 4, col. 8 lines 13-col. 9 lines 29, col. 10 lines 55-col. 11 lines 36, col. 15 lines 63-col. 17 lines 32).

29. As to claim 29, **Durago** teaches the invention as claimed, including an apparatus comprising:

- a bus (figure 1, element 116);
- a processor coupled to the bus (figure 1, elements 114);
- a network connection device coupled to the bus (figure 1); and
- a memory, coupled to the bus, to store a plurality of instructions that are executed by the processor, wherein the plurality of instructions, when executed, cause the processor to, collect registration information, initiate, using the network connection device, a communication link to a network, establish, via the communication link, a plurality of connections between the apparatus and a plurality of registration databases, and communicate, for each of the plurality of connections, at least a portion of the registration information to one of the plurality of registration databases (figures 1-5, col. 9 lines 39-col. 10 lines 17, col. 10 lines 55-col. 11 lines 36, col. 15 lines 63-col. 16 lines 35).

30. As to claim 30, **Durago** teaches the invention as claimed, wherein the plurality of instructions that, when executed, cause the processor to collect registration information further cause the processor to collect one or more of user demographic

information and client computer information (figure 3, 4, col. 8 lines 50-64, col. 10 lines 55-col. 11 lines 10).

Claim Rejections - 35 USC § 103

31. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

32. Claims 24-25 are rejected under 35 U.S.C. § 103 (a) as being unpatentable over **Durago et al.**, U.S. Patent No. **6,282,573**, in view of **Traversat et al.**, U.S. Patent No. **6,161,125**.

33. As to claim 24, **Durago** does not explicitly teach the invention as claimed; however, **Traversat** teaches wherein the plurality of manufacturers include one or more of software application designers, hardware component manufacturers, and the system manufacturer (figures 2-4). It would have been obvious to one of ordinary skill in the Data Processing art at the time of the invention to combine the teachings of **Durago** and **Traversat** to have plurality of manufacturers include one or more of software

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application designers, hardware component manufacturers, and the system manufacturer because it would have an efficient communication system that client computer provides all the registration information software and hardware version to servers before establishing communication between client and server.

34. As to claim 25, **Durago** does not explicitly teach the invention as claimed; however, **Traversat** teaches wherein the plurality of manufacturers correspond on a one to one basis with the plurality of registration databases (abstract, figures 2-4). It would have been obvious to one of ordinary skill in the Data Processing art at the time of the invention to combine the teachings of **Durago** and **Traversat** to have the same motivation as set forth in claim 24.

Allowable Subject Matter

35. Claim 19 is objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Conclusion

36. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

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37. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thu Ha Nguyen, whose telephone number is (703) 305-7447. The examiner can normally be reached Monday through Friday from 7:30 AM to 4:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, SPE Ayaz R. Sheikh, can be reached at (703) 305-9648.

Any inquiry of a general nature of relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 305-9600.

The fax number for art unit 2155 is (703) 305-7201.

Thu Ha Nguyen

April 9, 2002


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